

## Product information

# ANCAMINE<sup>®</sup> 1644

## Curing Agent

### DESCRIPTION

Ancamine 1644 curing agent is a modified aliphatic amine used to cure liquid epoxy resins. It offers very fast cure and light color.

### TYPICAL PROPERTIES

Property	Value	Unit
Appearance	Light-Colored Liquid	
Color	1	Gardner
Viscosity @ 77°F (25°C)	2,500	cP
Amine Value	385	mg KOH/g
Specific Gravity @ 77°F (25°C)	0.970	
Density @ 77°F (25°C)	8.1	lb/gal
Flash Point	200	°F
Equivalent Wt/{H}	154	
Recommended Use Level	75	phr, EEW=190

### ADVANTAGES

- Rapid cure
- Light color and moisture insensitivity
- Pot life can be extended by adding Ancamine 1784 curing agent
- Can be used to accelerate other amine-based curing agents, particularly polyamides and amidoamines

### APPLICATIONS

- Trowelable flooring
- Fast-setting adhesives
- Repair mortars

### STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 1644 curing agent.



## SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

## TYPICAL CURE SCHEDULE

2-7 days at ambient temperature.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit
Gel Time (150g mix @ 77°F )	8	min
Thin Film Set Time @ 77°F (25°C)	2.0	h

## TYPICAL PERFORMANCE\*

Property	Value	Unit
[7 day cure @ 77°F (25°C)]		
Heat Deflection Temperature (ASTM D648-264 psi)	124	°F

\*Ancamine 1644 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

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